



GER 3D VIEWER

 **Android System**



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GER 3D VIEWER

OVERVIEW

The new analysis program is compatible with GER DETECT detector's for gold, metals and treasures:

TITAN GER-1000

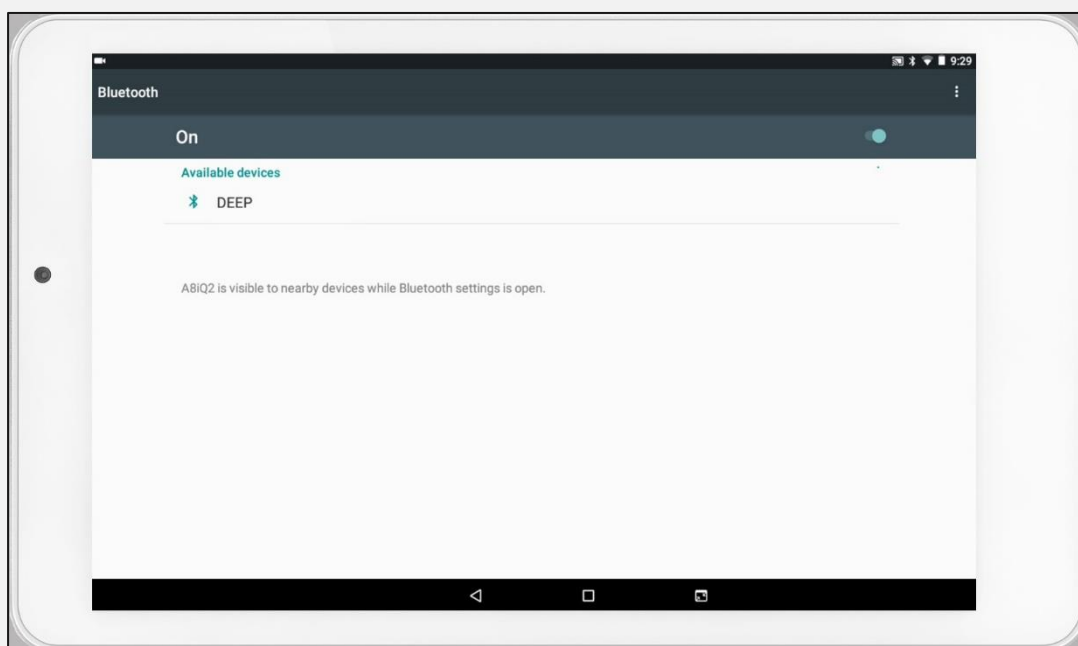
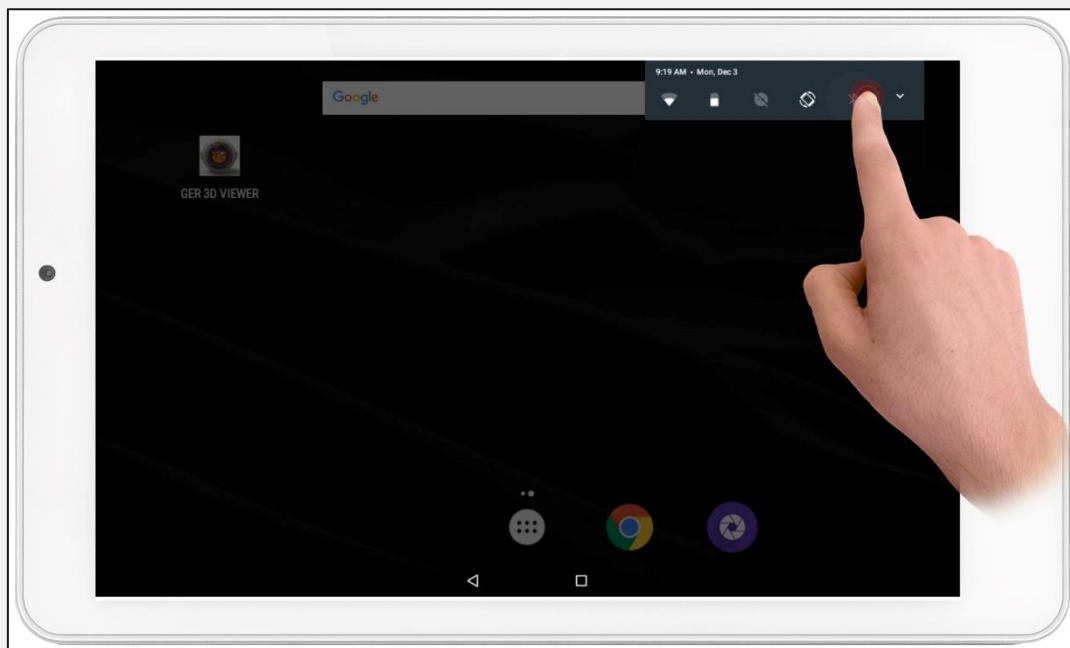
DEEP SEEKER

EASYWAY PLUS

This version is easy to use,
gives three-dimensional analysis
more clearly and accurate results.

How to start working

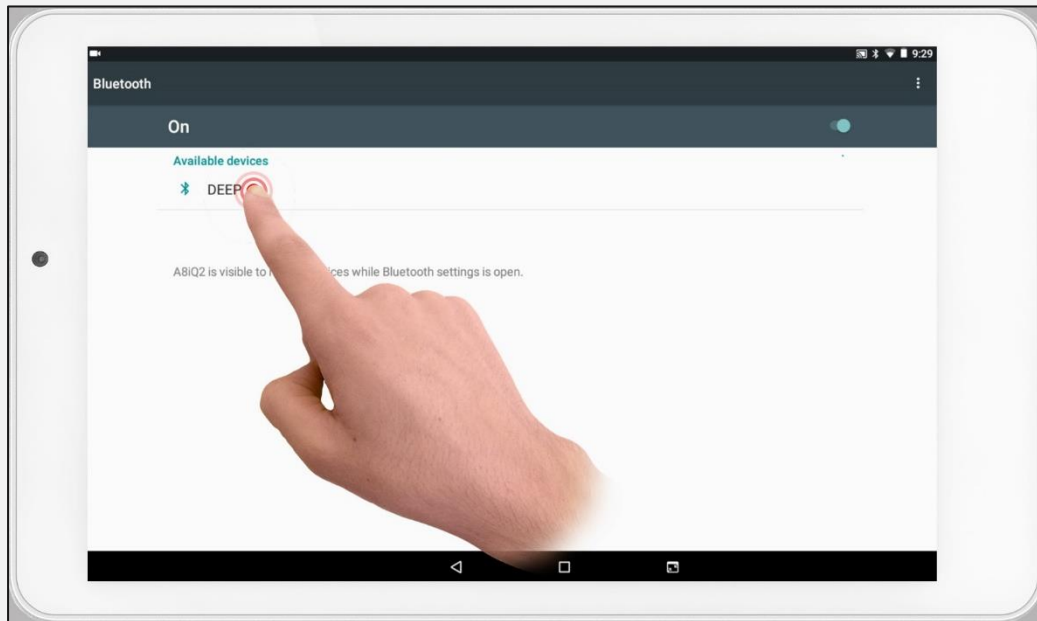
connect the main unit to the tablet device via Bluetooth, by pressing and holding on the Bluetooth icon



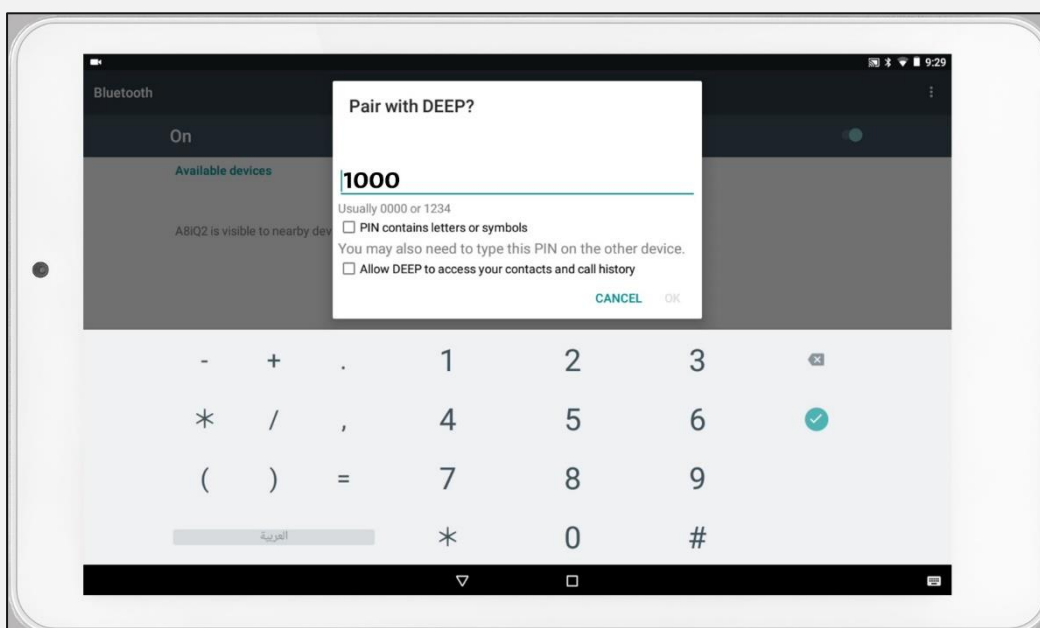
Bluetooth will search for devices near your tablet.

Then the Bluetooth will appear like

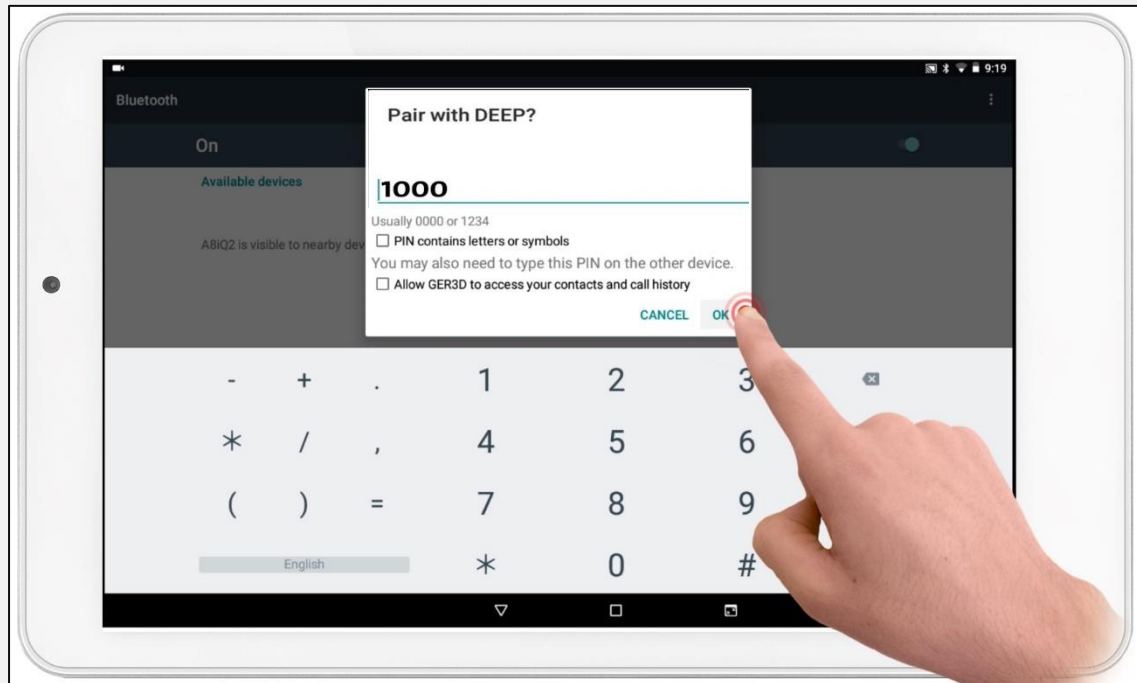
Deep Seeker, Titan Ger – 1000 or Easy way.



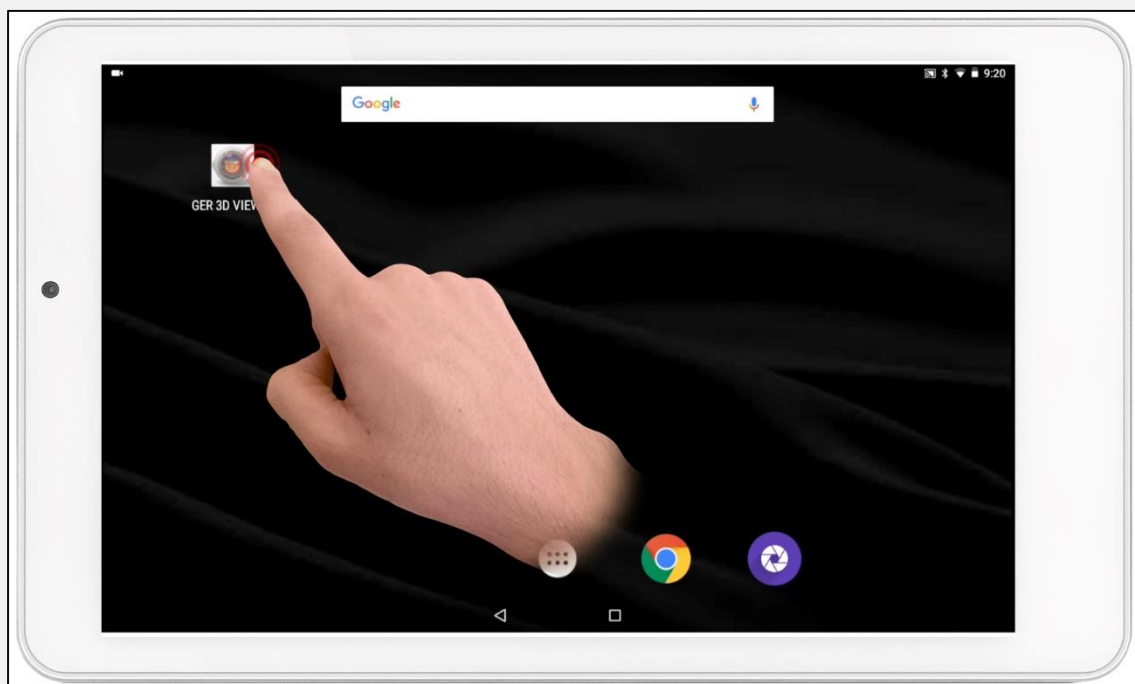
Click on the device name, a window will appear to enter the password which is: 1000



Press OK to complete the pairing operation between the tablet and the main unit.



Close the window and run GER 3D Viewer program



A list of several languages will appear:
 (German, English, French, Italian, Spanish, Arabic, Portuguese, and Russian).



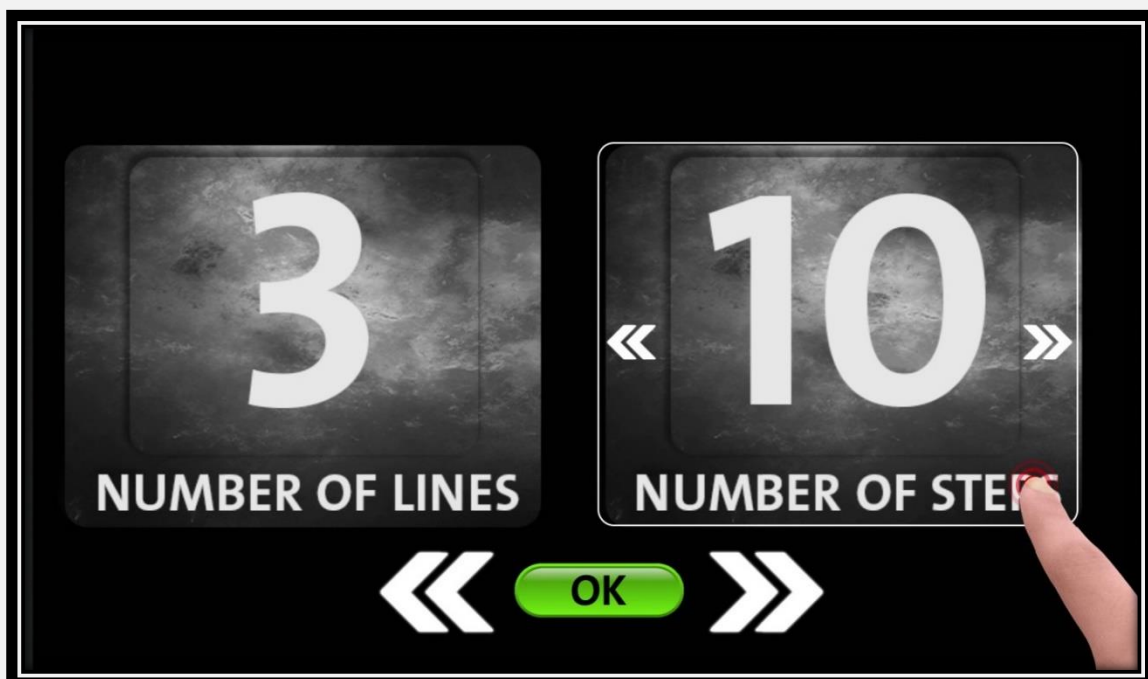
Select the device you want to work on
 Either Deep Seeker, Titan Ger -1000 or Easy way



The program will connect to the device
Then a CONNECTED sign will then appear



Press the Next button to go to Scan settings menu, which consists of:
Scanning Direction - Number of lines - Number of Steps



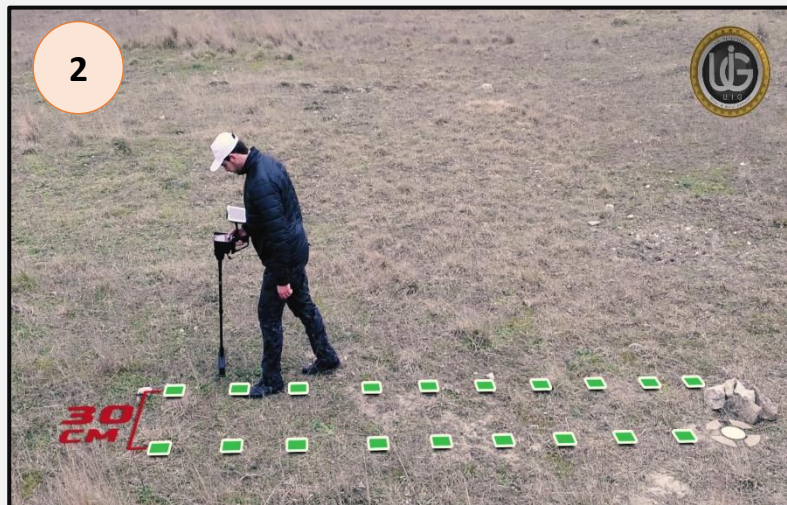
Scanning Direction: is to select the scanning method during imaging
 And there are two methods for scanning
 Either scan in one direction
 Or two-way scanning, back and forth.
 Number of lines: to determine the number of lines within to search.
 Number of Steps: for each line to determine the images within one line.



Then press Next to open the software interface



Walk in consecutive steps at a distance of 30 cm between every two steps taking into account keeping a 30-cm distance from the first line while scanning backwards. Alongside pressing the “imaging” button for each step



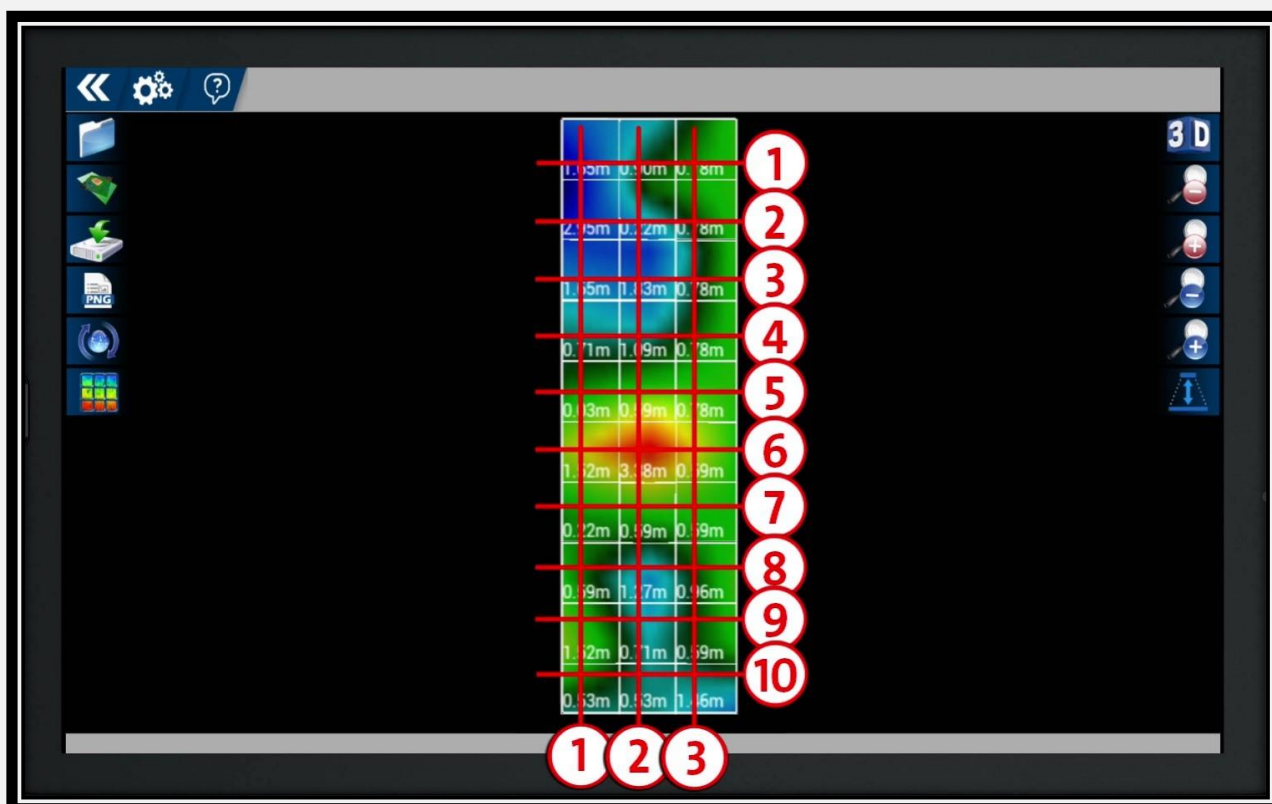
During the scanning process, a 3D image of the target being imaged will appear on the tablet screen.

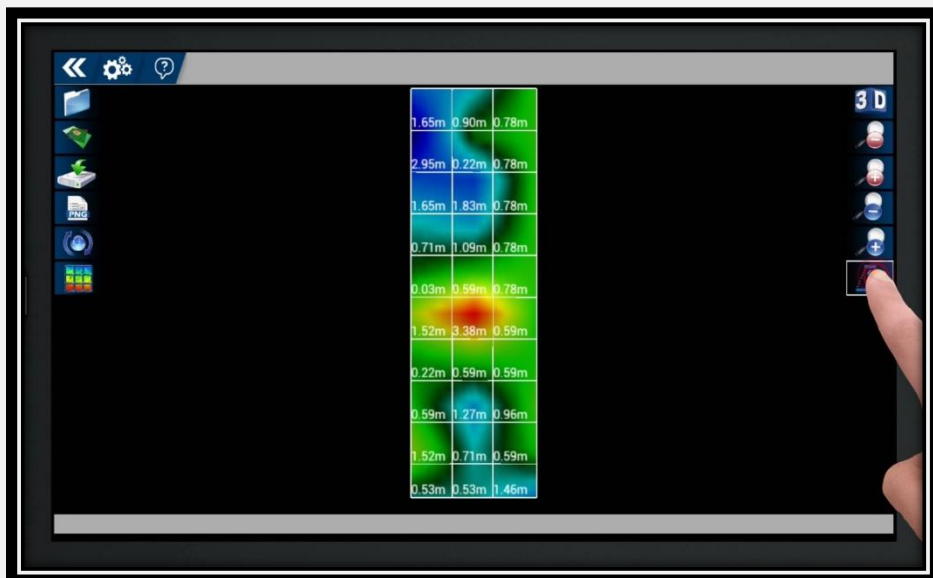
This image consists of a grid of squares indicating the number of steps and lines that have been scanned .

Example: We have a grid of lines consisting of three columns and ten steps per column, which means three lines of scan, and each line consists of ten images captured.

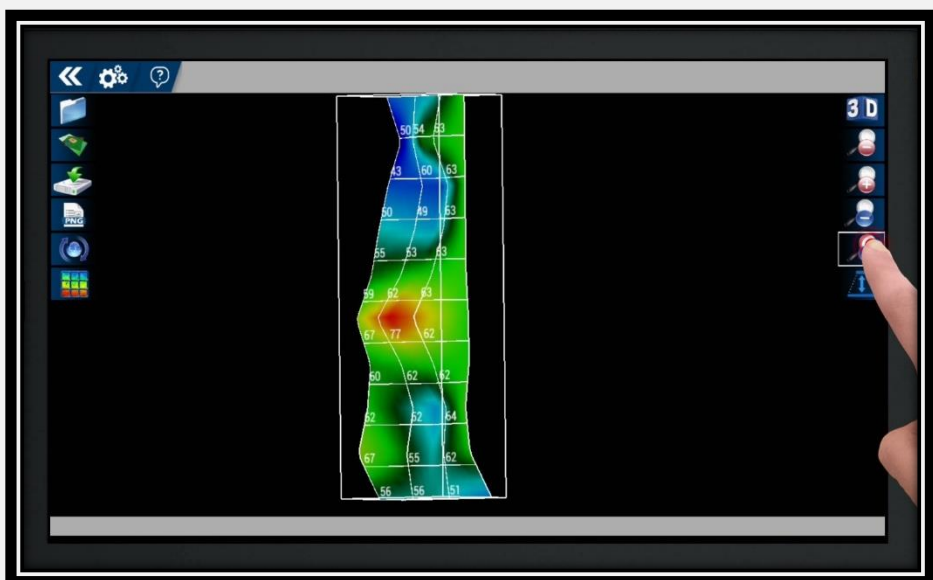
The following parameters will appear on the image:

The depth of the target in the ground – The Value.

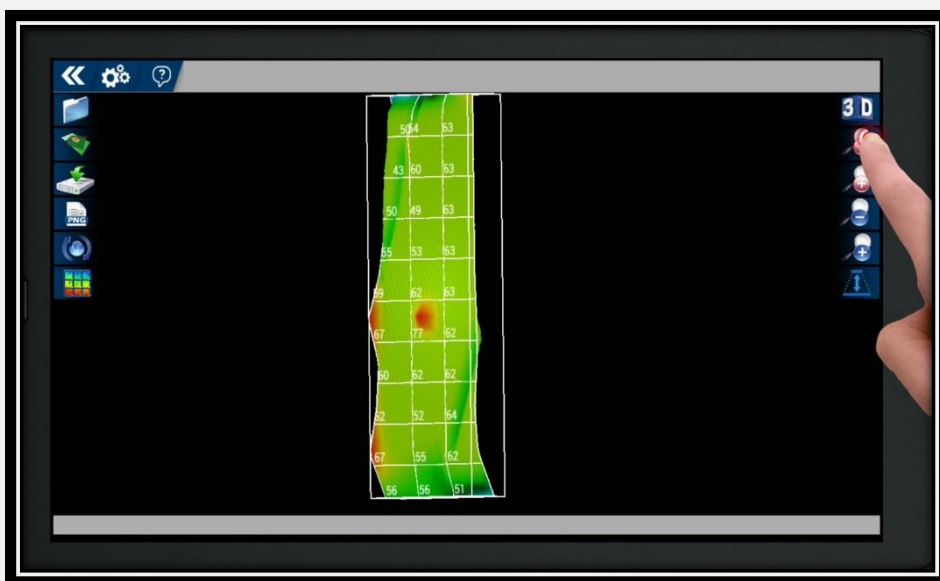




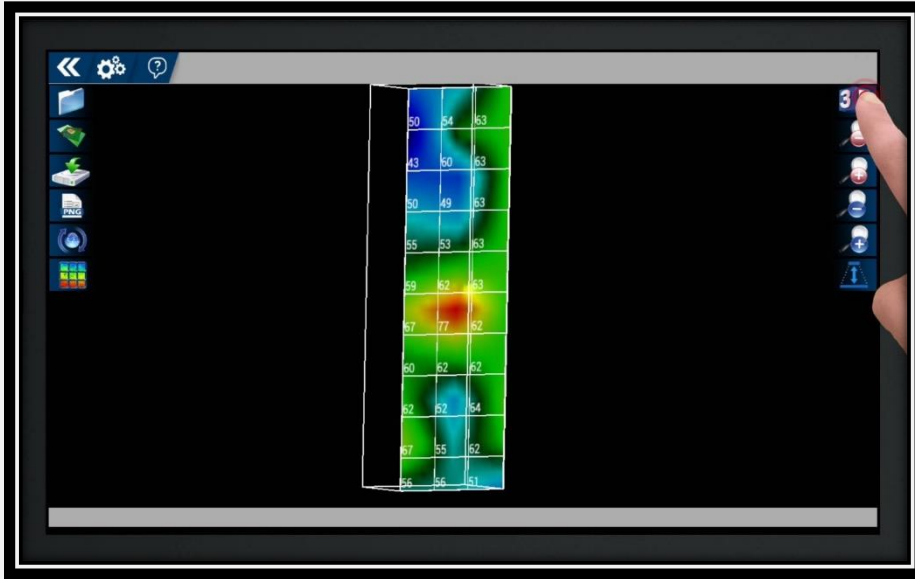
To view the depth, press the View Depth icon.



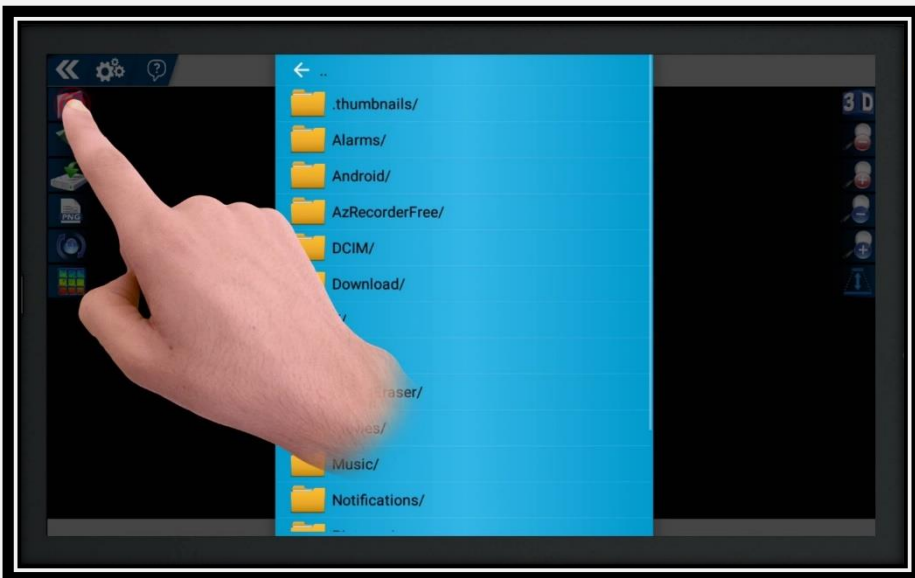
To reduce image height, use the drop and height icon of the image in the blue color.



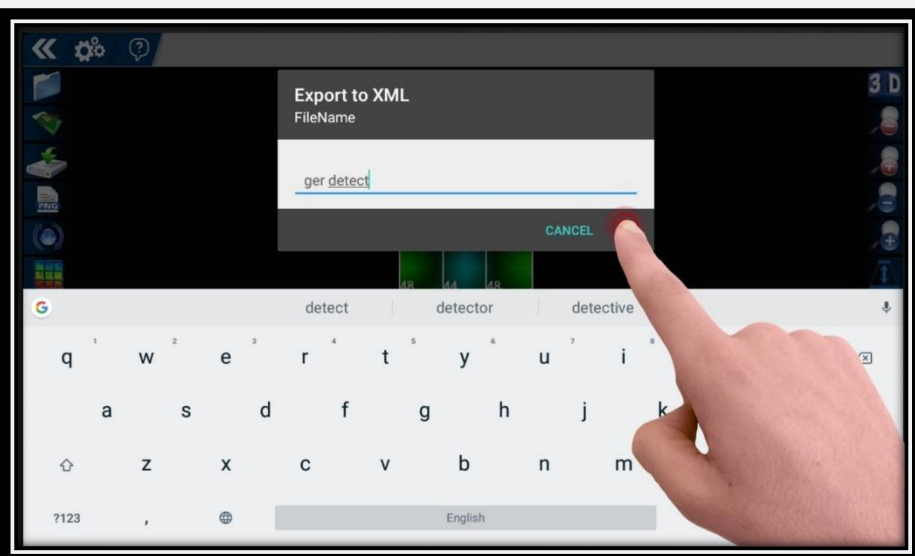
The two red icons are used to make the image clearer and reduce the mineral salts surrounding the minerals and cavities as well as bring the image closer to geometric formation.



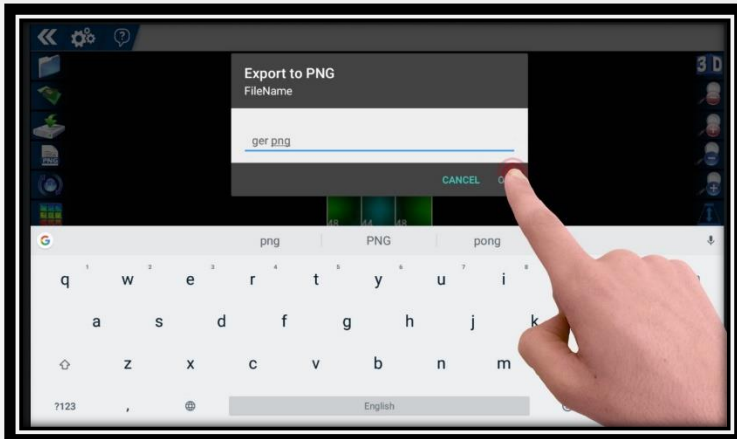
3D icon: it enables you to shift from the 2D to the 3D mode



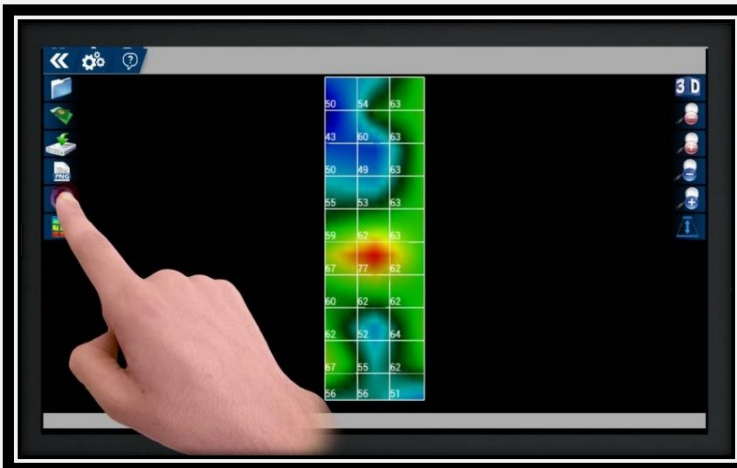
To open an image previously saved, click on the Open icon and then press the in the photos itself.



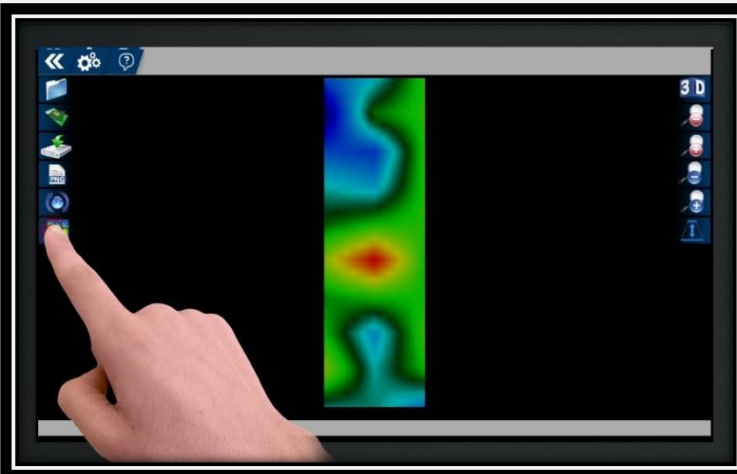
To save the image in a format that can be analyzed later, click on the save icon



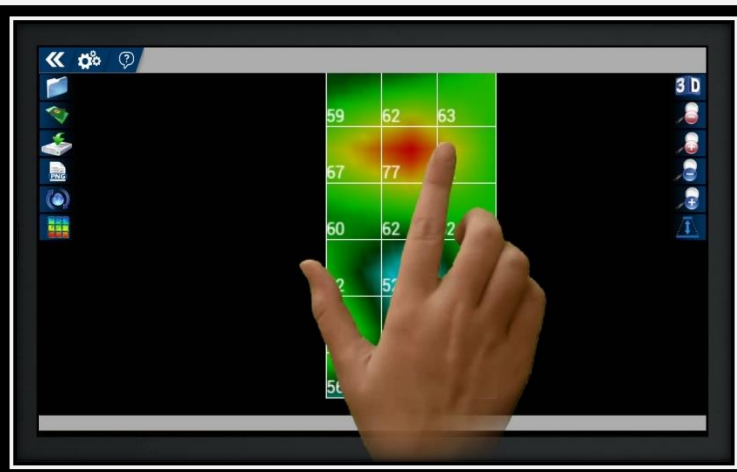
To save the image in a PNG format, click on Save PNG icon



To reset the image to default, click on the Reset icon



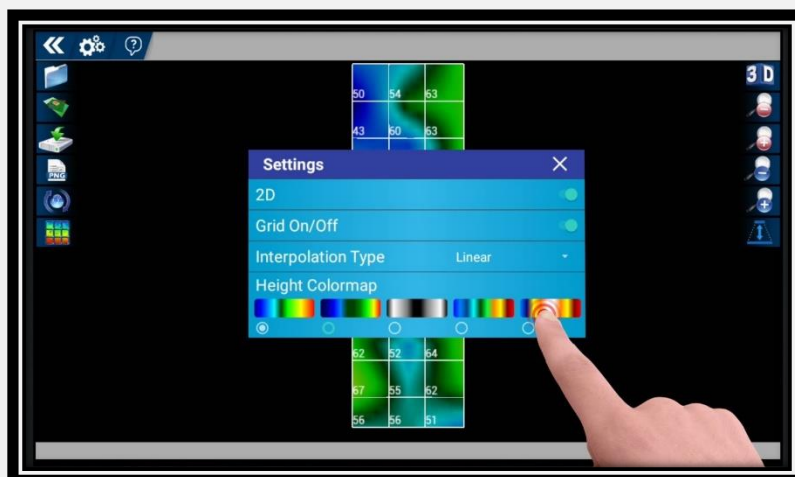
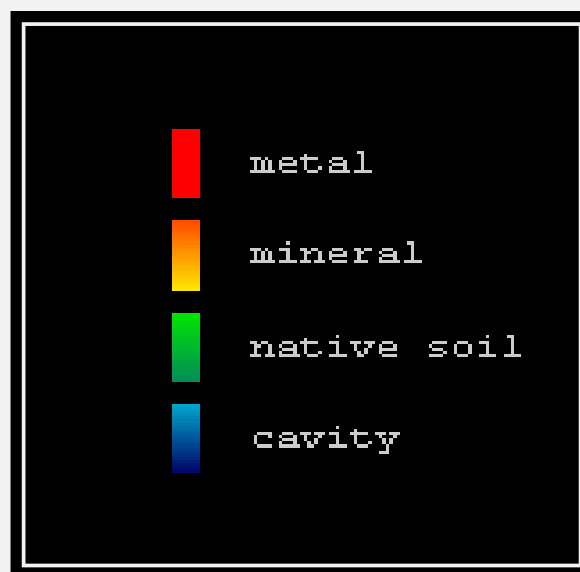
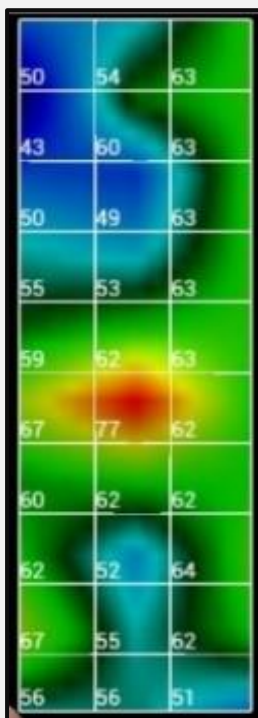
To hide and/or show gridlines, click on the Grid icon



To zoom in or out, touch and drag the photo

Moving to the image captured, it is divided into four colors as follows:

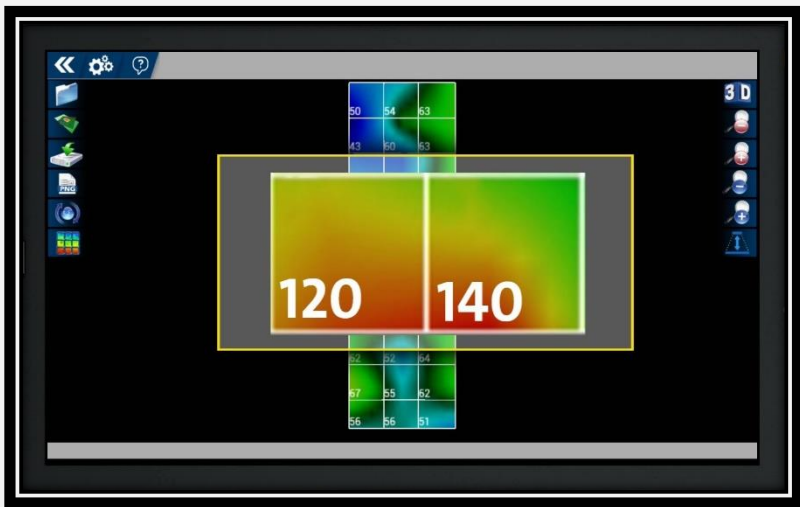
1. **Red color:** for metals
2. **Yellow color:** for mineral salts
3. **Green color:** for soil
4. **Blue color:** for cavity



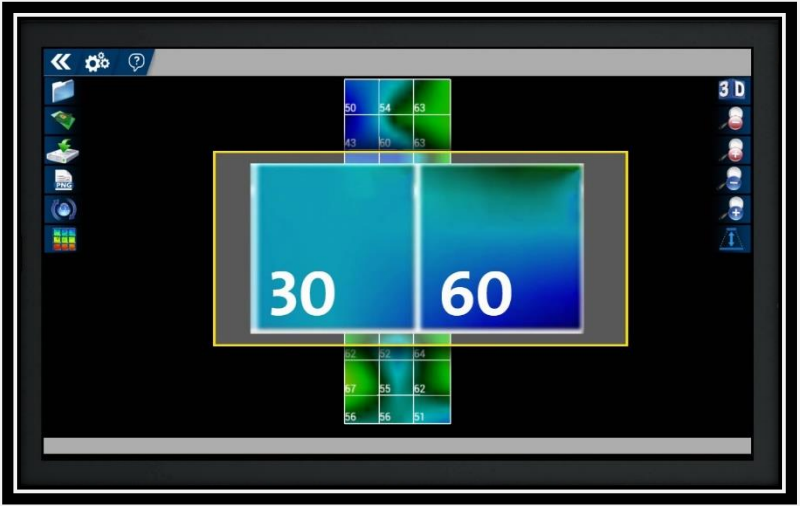
You can change colors from the settings where you will find several ready styles

Note: changing colors does not affect the analysis or results

The values in every image are interpreted as follows:
 All squares of red color will have close values with slight differences.
 If two squares have values by a large difference (i.e. 20 to 30 points), this indicates that one of these squares is metal and the other is mineral salts with high concentration.
 This means that the higher value is for the metal and the minimum value is for the mineral salts.



For example: If we have two squares in red color: the first square value is 120 and the second square value is 140.
 The one at a value of 140 refers to metal and square at a value of 120 refers to mineral salts.



These criteria also apply to voids, i.e. if two squares are shown in blue with varying values by a large difference (i.e. 20 to 30 points), this indicates that one of these squares is a void and the other is a rock, this means that the higher value is a void and the lower value it is a rock.

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